

# Academic Fact Sheet

# Wayne State College

## LIFE SCIENCES MAJOR CLINICAL LABORATORY SCIENCE (58 Hours + Clinical Year)

These programs are administered by the Life Sciences Department.

### Facts about the Program

#### *Degrees Offered:*

B.S.  
B.A.

#### *Faculty:*

Doug Christensen, Ph.D.  
Glenn Kietzmann, Ph.D.  
Shawn Percy, Ph.D.

### Career Opportunities

- Hospital Laboratories
- Independent Laboratories
- Physician's Clinics
- Research Centers
- Industry
- Pharmaceutical Centers
- Educational Institutions
- Allied Health Management
- Insurance Institutions

### Scholarships and Financial Aid

Wayne State College is committed to providing a quality, affordable education for its students. There are several types of financial assistance available for Wayne State students, including grants, loans, work-study and scholarships. The aid packages are composed of money from Pell grants, SEOG grants, SSIG grants, Perkins loans, Stafford student loans, PLUS loans and a variety of scholarships. Contact the Financial Aid Office at (402) 375-7230 for further information.

### Program Description

The degree program at Wayne State College consists of two parts, 1) pre-clinical requirements - completion of 95 semester hours, usually accomplished in the first three years, and 2) clinical requirements - one year of professional clinical training at a CAHEA-approved affiliated hospital program after completion of pre-clinical requirements.

### Special Offerings

Wayne State College is affiliated with the following approved hospital programs: Marian Health Center, Sioux City, Iowa and St. Luke's Medical Center, Sioux City, Iowa.

### For more information contact:

Life Sciences Department  
Wayne State College  
Wayne, NE 68787  
(402) 375-7329 or 1-800-228-9972  
lsci@wsc.edu  
www.wsc.edu

**LIFE SCIENCES MAJOR**  
**CLINICAL LABORATORY SCIENCE (58 + Clinical Year)**  
**+Minimum 95 hours prior to clinical**

Admission to the C.L.S. program is competitive. The completion of the C.L.S. major at WSC is not a guarantee for acceptance.

All required coursework must be taken for credit and grades below "C" are not accepted by UNMC/Mercy/St. Lukes.

The course work described below will allow students to earn a biology degree from WSC upon transfer of the 1 year C.L.S. curriculum at UNMC/St. Lukes/Mercy. A student could also work toward a degree in chemistry.

**FRESHMAN YEAR**

<b>1st Semester</b>				<b>2nd Semester</b>			
	CHE 106	General Chemistry I	4		BIO 110	Biology Concepts	4
	ENG 102	Composition Skills	3		CHE 107	General Chemistry II	4
#	MAT 121	College Algebra	3		CNA 100	Princ. of Human Comm.	3
	HIS 120	World History	3		PED 103	Lifestyle Assessment	2
	PSY 101	General Psychology	<u>3</u>			Gen Ed - Block 3 Electives	<u>3</u>
			16				16

**SOPHOMORE YEAR**

<b>1st Semester</b>				<b>2nd Semester</b>			
	BIO 320	Molecular Genetics	4		BIO 385	Microbiology	4
	PHY 201	General Physics I	3		CHE 208	Intro to Organic Chemistry	4
	PHY 321	General Physics I Lab	1		BIO 486	Immunology	2
#	ENG 250	Topics in Literature	3			Gen Ed - Block 3 Electives	3
		Gen Ed - Block 3 Electives	3			Elective	<u>3-4</u>
		Elective	<u>1-3</u>				16-17
			15-17				

**JUNIOR YEAR**

<b>1st Semester</b>				<b>2nd Semester</b>			
^	BIO 220	Human Anatomy	4		BIO 486	Immunology	2
	CHE 326	Biochemistry I	4	^	BIO 340	Human Physiology	4
	PED 203	Lifestyle Management	1		EPS 300	Educated Perspective Seminar	3
	ENG 200	Expository Writing	3		CHE 301	Intro to Clinical Chemistry	1
		Gen Ed - Block 3 Electives	3		MAT 180	Statistics	3
		Electives	<u>2-3</u>			Electives	<u>4</u>
			15-16				15

**SENIOR YEAR**

HSC 498

**CLINICAL YEAR IN AFFILIATED HOSPITALS**

+ 95 hours includes general education.

# Required by UNMC but not by St. Lukes/ Mercy

^ Required by St. Lukes/Mercy but not by UNMC (May take CHE 305 and CHE 380 instead) although two additional BIO credits required to meet 16 hour minimum.

Highly recommended courses include:

BIO 330 Histology

BIO 430 Parasitology

CHE 305 Analytical Chemistry (generally available as a summer course)

CHE 380 Instrumental Analysis (NOTE: Analytical Chemistry is a prerequisite for Instrumental Analysis)